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03/07/00J520 U.S. PTO
03/07/00

UTILITY PATENT APPLICATION TRANSMITTAL

(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
94.0027Total Pages in this Submission
108**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**Method and Apparatus for Mapping Uncertainty and Generating a Map or a Cube
Based on Conditional Simulation of Random Variables**

and invented by:

Peter P. Van Bemmel

a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below
2. Specification having 47 pages and including the following:
 - a. Descriptive Title of the Invention
 - b. Cross References to Related Applications (*if applicable*)
 - c. Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. Reference to Microfiche Appendix (*if applicable*)
 - e. Background of the Invention
 - f. Brief Summary of the Invention
 - g. Brief Description of the Drawings (*if drawings filed*)
 - h. Detailed Description
 - i. Claim(s) as Classified Below
 - j. Abstract of the Disclosure

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Application Elements (Continued)

3. Drawing(s) (when necessary as prescribed by 35 USC 113)
 - a. Formal Number of Sheets _____
 - b. Informal Number of Sheets 22
4. Oath or Declaration
 - a. Newly executed (original or copy) Unexecuted
 - b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
 - c. With Power of Attorney Without Power of Attorney
 - d. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Computer Program in Microfiche (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
 - a. Paper Copy
 - b. Computer Readable Copy (identical to computer copy)
 - c. Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. Assignment Papers (cover sheet & document(s))
9. 37 CFR 3.73(B) Statement (when there is an assignee)
10. English Translation Document (if applicable)
11. Information Disclosure Statement/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Acknowledgment postcard
14. Certificate of Mailing

First Class Express Mail (Specify Label No.): EI825189437US

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108

Accompanying Application Parts (Continued)

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. Additional Enclosures (please identify below):

Correspondence address: Send all correspondence to
John H. Bouchard
Schlumberger GeoQuest
5599 San Felipe, Suite 1700
Houston, Texas 77056-2722
713-513-2515

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	41	- 20 =	21	x \$18.00	\$378.00
Indep. Claims	5	- 3 =	2	x \$78.00	\$156.00
Multipl. Dependent Claims (check if applicable)	<input type="checkbox"/>				\$0.00
				BASIC FEE	\$690.00
OTHER FEE (specify purpose)					\$0.00
				TOTAL FILING FEE	\$1,224.00

A check in the amount of _____ to cover the filing fee is enclosed.

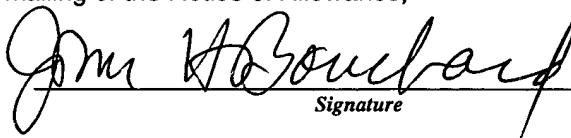
The Commissioner is hereby authorized to charge and credit Deposit Account No. 07-1078 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of \$1,224.00 as filing fee.

Credit any overpayment.

Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.

Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



John H. Bouchard
Signature

Dated: March 7, 2000

cc:

John H. Bouchard
Attorney for Applicant, Reg. No. 29,286
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713-513-2515 (phone)
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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.

94.0027

In Re Application Of: **Peter P. Van Bemmel**

PTO
112 U.S. 52059
09/07/00
03/07/00

Serial No.

Filing Date

March 7, 2000

Examiner

Group Art Unit

Title:

Method and Apparatus for Mapping Uncertainty and Generating a Map or a Cube

Based on Conditional Simulation of Random Variables

Address to:

**Assistant Commissioner for Patents
Washington, D.C. 20231**

37 CFR 1.97(b)

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

- The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:
 1. a Final Action under 37 CFR 1.113, or
 2. a Notice of Allowance under 37 CFR 1.311,whichever occurs first.

Also submitted herewith is:

a certification as specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Peter P. Van Bemmel et al

Docket No.

94.0027

Serial No.

Filing Date

Examiner

Group Art Unit

15712 52059 PTO
03/07/00

Invention:

Method and Apparatus for Mapping Uncertainty and Generating a Map or a Cube**Based on Conditional Simulation of Random Variables**I hereby certify that this Patent Application*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on
March 7, 2000

*(Date)*John H Bouchard*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)*EI825189437US*("Express Mail" Mailing Label Number)*

Note: Each paper must have its own certificate of mailing.